

ER-2 #809 11/05/13

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 14-9003

Payload Configuration: HypsIRI - AVIRIS & MASTER plus RSP

Nav Data Collected: Yes

Total Flight Time: 5.7 hours

Submitted by: Timothy Moes on 11/13/13

Flight Segments:

From:	PMD	To:	PMD
Date:	11/05/13		
Flight Time:	5.7 hours		
Log Number:	142008	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	Flew the Yosemite HypsIRI Box plus the two RIM fire lines to the west of the box. All sensors performed well during the flight, however, there was some concern that there was too much Cirrus over the last part of the box and the scientists will be analyzing the data. The aircraft returned with a maintenance issue (potential small fuel leak) that will be investigated and repaired if necessary prior to the next flight.		

Flight Hour Summary:

	112005	122003	132003	142008
Flight Hours Approved in SOFRS			100	
Flight Hours Previously Approved				13.9
Total Used	0	0	86.1	12.9
Total Remaining				1

142008 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/31/13	14-9002	Science	4.4	4.4	9.5	
11/05/13	14-9003	Science	5.7	10.1	3.8	
11/17/13	14-9005	Science	2.8	12.9	1	

132003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
04/10/13	13-9037	Science	6.5	6.5	93.5	
04/11/13	13-9036	Science	5.7	12.2	87.8	
04/12/13	13-9039	Science	8.5	20.7	79.3	
04/19/13	13-9040	Science	7.6	28.3	71.7	
05/02/13	13-9041	Science	4.4	32.7	67.3	
05/03/13	13-9042	Science	4.3	37	63	
05/22/13 - 05/23/13	13-6021	Science	7.6	44.6	55.4	
06/01/13	13-6026	Science	1.1	45.7	54.3	
06/04/13	13-6027	Science	4.7	50.4	49.6	
06/06/13 - 06/07/13	13-6028	Science	6.7	57.1	42.9	
06/07/13	13-6029	Science	6.7	63.8	36.2	
06/10/13	13-6030	Science	1.5	65.3	34.7	
06/26/13	13-6037	Science	4.9	70.2	29.8	
09/13/13	13-6045	Science	2.6	72.8	27.2	
09/19/13	13-6048	Science	5.7	78.5	21.5	
09/24/13	13-6049	Science	7.6	86.1	13.9	

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Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.
